

## DETAILED ACTION

1. The amendment submitted 25 March 2009 has been entered.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Rick Martin (US Reg. 32,267) on 13 July 2009.

The application has been amended follows. Please amend the claims as follows:

- Claim 15: A safety light for a wheel of a bike, the wheel having spokes which extend from a central hub to a wheel, the safety light comprising:
  - a light block having a battery, a switch and an LED light;
  - said LED light mounted at a light end of the light block in conjunction with a wide angle lens;
  - a mounting means for the light block to secure the light block to a spoke with the light end facing toward the wheel;
  - wherein a light pattern emanating from the light end thru the wide angle lens will change direction as the wheel rotates providing a light stream of a complete 360° of visibility front to back as the bike is moving, enabling the bike to be seen from ~~both the front and the back~~ all sides from an observer's perspective, and when the light end is near a bottom of rotation, the light pattern will illuminate the ground, as the wheel continues to rotate the light pattern will show towards a rear of the bike, and as the wheel continues to rotate the light pattern will show toward a front of the bike; the light end being visible through the spokes from the left and the right side of the bike; and

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wherein the light pattern enables the bike to be seen from any direction[.]. and wherein an exterior of the light block further comprises a phosphorescent brightener functioning to provide a separate light source rotating in a cycloid pattern.

- Claim 17: Please cancel claim 17.
- Claim 18: A safety light for a wheel of a bike, the wheel having spokes which extend from a central hub to a wheel, the safety light comprising:

a light block having a light and a power source; said light mounted at a light end of the light block in conjunction with a wide angle lens;

a mounting means for the light block to secure the light block to a spoke with the light end facing toward the wheel;

wherein a light pattern emanating from the light end thru the wide angle lens will change direction as the wheel rotates providing a light stream of a complete 360° of visibility ~~front to back~~ as the bike is moving, enabling the bike to be seen from ~~both the front and the back-~~ all sides from an observer's perspective, and when the light end is near a bottom of rotation, the light pattern will illuminate the ground, as the wheel continues to rotate the light pattern will show towards a rear of the bike, and as the wheel continues to rotate the light pattern will show toward a front of the bike; the light end being visible through the spokes from the left and the right side of the bike; and

the light end being visible through the spokes from the left and the right side of the bike[.].

wherein an exterior of the light block further comprises a phosphorescent brightener functioning to provide a separate light source rotating in a cycloid pattern.

- Claim 20: Please cancel claim 20.
- Claim 21: A safety light for a wheel of a bike, the wheel having spokes which extend from a central hub to a wheel, the safety light comprising:

a light block having a light and a power source;

said light mounted at a light end of the light block;

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a mounting means for the light block to secure the light block to a spoke with the light end facing toward the wheel and away from the hub;

wherein a light pattern emanating from the light end thru the wide angle lens will change direction as the wheel rotates providing a light stream of a complete 360° of visibility ~~front-to-back~~ as the bike is moving, enabling the bike to be seen from ~~both the front and the back-~~ all sides from an observer's perspective, and when the light end is near a bottom of rotation, the light pattern will illuminate the ground, as the wheel continues to rotate the light pattern will show towards a rear of the bike, and as the wheel continues to rotate the light pattern will show toward a front of the bike; the light end being visible through the spokes from the left and the right side of the bike; and

the light end being visible through the spokes from the left and the right side of the bike creating a cycloid pattern visible from the left and the right side of the bike[. ]],

wherein an exterior of the light block further comprises a phosphorescent brightener functioning to provide a separate light source rotating in a cycloid pattern.

- Claim 23: Please cancel claim 23.

#### **REASONS FOR ALLOWANCE**

3. The following is an examiner's statement of reasons for allowance: prior art, whether taken alone or in combination, fails to disclose, teach, or render obvious the specifically called for combination of a light block having a battery and an LED light mounted at a light end of the block with a wide angle lens wherein the light pattern emanating from the light end thru the wide angle lens will change direction as the wheel rotates providing a light stream of a complete 360 degrees of visibility as the bike is moving and wherein an exterior of the light block further comprises a phosphorescent brightener functioning to provide a separate light source rotating in a cycloid pattern.

#### **CONCLUSION**

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following prior art is cited as disclosing wheel lights emanating light in more than 180 degrees, however, none disclose, teach or render obvious a phosphorescent casing:

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- Roberts (US 5,653,523)
- Roberts (US 5,839,814)
- McGhee (US 5,984,487)
- Hung (US 6,501,199)

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEAH S. LOVELL whose telephone number is (571)272-2719. The examiner can normally be reached on Monday through Friday 8 a.m. until 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jong-Suk (James) Lee can be reached on (571) 272-7044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Leah Lovell  
Examiner, AU 2885  
14 July 2009

/Jacob Y Choi/  
Primary Examiner, Art Unit 2885